



ARIZONA DEPARTMENT OF EDUCATION
Tom Horne, Superintendent of Public Instruction

LOCAL DIRECTORS MEETING

Prescott Resort

January 26, 2006

Welcome

Milton D. Ericksen

ADE Announcements And Recognitions

Milton D. Ericksen

ACOVA Update

Brenda Marietti

ACTE Update

Pam Ferguson

Venn Comparisons

Helen Bootsma

**Arizona's Comprehensive Career
Education System**

Susan Mellegard

**Why, When And How Will Your
District Implement Career Exploration**

Panel

Break

25 Minute Rotation Schedule (Choose 3 Of 4)

1st 10:30 Am To 10:55 Am

2nd 11:00 Am To 11:25 Am

3rd 11:30 Am To 11:55 Am

**1. Tools To Implement & Meet The New
Career Exploration Standards**

Susan Mellegard

**2. Strategies Small School Districts Are Using
To Implement The New Career
Exploration Curriculum Frameworks**

Robin McNulty

**3. Strategies Large Districts Are
Implementing To Prepare For The New
Career Exploration Curriculum
Frameworks**

John Mulcahy

**4. Strategies To Bridge The Gap For
Transition Between Elementary Districts
And Union High Schools**

Cherri Mabbitt



State of Arizona
Department of Education

Tom Horne
Superintendent of
Public Instruction

Memorandum

To: Superintendents
Career & Technical Education Administrators/Contact Persons
From: Milton D. Ericksen, Deputy Associate Superintendent for Career and Technical Education
Date: January 9, 2006
Re: Discontinued CTE Programs for FY 2008

The Career and Technical Education (CTE) Program List is a dynamic list of programs that is updated every two years to reflect labor market conditions and projections in Arizona. Staff will soon begin working with the Research Administration at the Department of Economic Security to prepare the CTE Program List for FY 2008. The CTE Section notifies local districts regarding discontinuance of programs 18 months prior to the beginning of the fiscal year of program discontinuance to allow districts sufficient time to make local changes. Since state and federal funding is supplemental, school districts may choose to continue the CTE program and support the program with local funds. These programs will not appear on the CTE Program list for FY 2008:

Agriscience CIP 01.0300
Horticulture CIP 01.0600
Renewable Natural Resources CIP 03.0200







The new Agricultural Business Management Agriscience CIP 01.0100 program is a four year science-based program with seven options. The program is much broader in scope than the discontinued agriculture programs and offers flexibility in several career options. In order to implement the new Agricultural Business Management Agriscience CIP 01.0100 program for 2006-2007, the Local Director and all agriculture teachers in a district must attend one of three informational meetings on February 16, 17 or 18 conducted at three locations across Arizona. A Notification of Intent must also be submitted prior to April 1, 2006 for the 2006-2007 school year. The district must be willing to 1) conduct the identified program assessment by an outside source, approved by the State Supervisor, 2) develop an implementation plan for the new program based on the assessment, and 3) provide evidence that the implementation plan is approved by school/district administration. Implementation of the Agricultural Business Management Agriscience program in future years will follow a similar list of requirements.

If you have any questions or need additional information regarding the discontinuance of the above program, contact Helen Bootsma at 602-542-5963 or email at hbootsm@ade.az.gov.

Sincerely,


Milton D. Ericksen
Deputy Associate Superintendent and State Director
Career and Technical Education
Arizona Department of Education
1535 West Jefferson Bin 42
Phoenix, Arizona 85007

Arizona Agricultural Business Management – Agriscience Curriculum Framework

	Agriscience II [Laboratory-Based Integrated Science ½ Credit] – 11 th & 12 th graders (First course number ends in 0; second course number ends in 1 & so forth) (select option A-G)							
SAE & FFA Integrated Skills	A - Food Products & Processing Systems 27.A-30.A 01.0100.20 01.0100.21	B- Plant Systems 27.B-29.B 01.0100.30 01.0100.31	C- Animal Systems 27.C-31.C 01.0100.40 01.0100.41	D- Natural Renewable Resources Systems 27.D-31.D 01.0100.50 01.0100.51	E- Power, Structural, & Technical Systems 27.E-37.E 01.0100.60 01.0100.61	F- Agribusiness Systems 27.F-32.F 01.0100.90 01.0100.91	G- Environmental Service Systems 27.G-31.G 01.0100.00 01.0100.01	Agricultural Mechanics Integrated Skills
 throughout the program	Agriscience I [Laboratory-Based Integrated Science ½ Credit] – 11 th & 12 th graders Standards 19.0-26.0 CIP No. 01.0100.10 (11th)							 throughout the program
Standards 1.0-9.0 	Applied Biological Systems (ABS) [Biology Credit] - 9 th & 10 th graders Standards 10.0-18.0 CIP No. 01.0101.11 (10th) 01.0101.10 (9th)							

Arizona Agricultural Business Management – Agriscience

2006/2007 Notice of Intent Opportunity

- All Agricultural Education Programs will have to submit a Notice of Intent (NOI) to move to Agriscience (01.0100) within the next two years.
- Attending one of the three NOI informational meetings in February, 2006 begins the process of restructuring.
- When:  February 16, 2006 – UofA, Karsten Turf Center (Roger Rd.)
February 17, 2006 – Yavapai College, Chino Valley Campus
February 18, 2006 – Chandler High School, CTE Auditorium
- Time: 9:00 a.m. – 3:00 p.m.
- Attendees: Agricultural Education Instructors & CTE Director (bring agriscience curriculum guide & basic grant)
- Agenda: NOI review guide; student tracking & assessment options; curriculum options; academic lesson plan crosswalking; and more.
- Contact: Dennis Fiscus from ADE or Jack Elliot & Quint Molina from UofA
» DFiscus@ade.az.gov elliot@ag.arizona.edu gmolina@email.arizona.edu
- RSVP: by January 31, 2006 to Sue Scalero: sscalero@ag.arizona.edu
520-621-1523

Arizona's Comprehensive Career Education System

January 26, 2006

Susan Mellegard, C.R.C, L.P.C
State Guidance Supervisor & AzCRN Director
Arizona Department of Education



Arizona Comprehensive Career Education System

Career Awareness (K-6)

Career Exploration (7-9)

Career Preparation (10-12)

Career Management (13-14)



What key concepts should be included in an Comprehensive Career Education System?

- ***National Career Development Guidelines:***
 - Knowledge of self-concept
 - Skills to interact positively with others
 - Awareness of importance growth & change
 - Awareness of benefits of educational achievement
 - Awareness of the relationship between work and learning



Guidelines Continued.....

- Skills to understand and use career information
- Awareness of the importance of personal responsibility and good work habit
- Awareness of how work relates to the needs and functions of society



National Career Development Guidelines Continued....

- Understanding how to make decisions
- Awareness of the interrelationship of life roles
- Awareness of different occupations and changing male/female roles
- Awareness of the career planning process



Career Awareness (K-6)

- Expectations for CTE Programs:
 - Career Awareness at lower grade levels is important and schools should be encouraged to provide it; however
 - Activities and lessons should be provided by parents, counselors, and all educators



AzCRN Career Awareness Resources

- AzCRN Parent Guide
 - Career Trek
- Play Real Game (3/4th grade)
- Make It Real Game (5/6th grade)
 - Career Cluster Activity Book



Career Exploration (7-9)

CTE Expectations:

- Implement the new Career Exploration Curriculum Framework by the Fall of 2007
 - Career exploration replaces Level I and incorporates parts of Level II
- Offer to 7/8th grade students or no later than 9th grade, if possible
- Covers 16 Career Clusters; 6 Career Pathways to give an overview of many occupations



Career Exploration Curriculum Framework

- Adaptation/Adoption Process/Committee
- 12 **Standards** replace 6 **Competencies**
 - Increased academic rigor by applying higher order skills
- **Measurement Criteria** replace **Indicators**
- Aligned with AZ Academic Standards, National Career Development Guidelines, SCANS, AZ Workplace standards and Technology standards
- Crosswalk AZ Academic Standards to CE standards and criteria



Career Exploration Curriculum continued...

- 4-6 Year Career & Educational Plan & Career Portfolio
- Students more informed about secondary and postsecondary options

Career Exploration Curriculum Framework:

- AZ Tech Prep Website: www.aztechprep.org
- New CD
- Career Exploration Timeline



AZCRN Resources

- Arizona Career Information System (AzCIS)
- Real Game (7/8th grade) Curriculum
- Be Real Game (9/10TH grade) Curriculum
- AzCRN Parent Guide
- Career & Educational Guide
- Career & Educational Teacher's Guide
- Smart Options Curriculum
- AzCRN Website www.ade.az.gov/cte/azcrn
- ACRN Website: www.acrnetwork.org



Career Preparation (10-12)

- Career Preparation courses replace CTE Level III Courses (Combination of level III and parts of Level II)
- CTE Career Preparation Curriculum Frameworks (Merged Level II & III)
- Implementation – Fall 2007



Core Standards & Measurement Criteria for CTE Career Preparation Programs

- Expect similar core standards & measurement criteria for merged CTE programs; that we now have for CTE Knowledge & Skills Competencies
- Expect new crosswalk of core standards & measurement criteria to AzCRN products



CTE Program Name	Target Date of Completion
Automotive Technologies	1/15/2006
Information Technology	1/15/2006
Nursing Services	1/15/2006
Financial Services	1/15/2006
Allied Health Services	2/15/2006
Design and Merchandising	2/15/2006
Drafting & Design Technologies	2/15/2006
Education Professions	4/15/2006
Graphic Communications	2/15/2006



Accounting & Related Services	3/15/2006
Electronic Technology	3/15/2006
Hospitality Management	3/15/2006
Business Management & Administrative Services	4/15/2006
Construction Technologies	4/15/2006
Cosmetology	4/15/2006
Early Childhood Education	4/15/2006



Marketing, Management, & Entrepreneurship	5/15/2006
Law, Public Safety & Security	5/15/2006
Welding Technology	5/15/2006
Culinary Arts	6/15/2006
Fire Science	6/15/2006
Radio/TV Technology	6/15/2006
Woodworking	6/15/2006



Career Management (13-14)

- Transition to Postsecondary Education
 - Degree or certification attainment
- Direct Employment
 - Skill Attainment
- Ultimate Goal: Workforce success!



Workforce Success Requires:

- Lifelong learning
 - Educational & technical skill attainment
- Employability skills
- Knowledge of global economy, trends and Labor Market Information



Career Management (Life Long Process)

- **Career Path Reality Check**
(Assessment of Career journey)
 - Are you on track?
 - Personal accomplishments?
 - **Wages?**
 - Professional Growth?
 - What is the Current outlook for your occupation/career ?



Career Management Continued....

- Development of Transition Plan
 - Research opportunities
 - Transferable skills assessment
 - Setting goals & timeline
 - Timing transition for steady employment
- Maintaining career development skills :
 - Resume writing, interviewing, job search, marketing, technology skills, etc.



Remember

- Each concept, skill, standard and component of a Comprehensive Career Education System prepares students to better understand their opportunities; and the importance of getting a good education, employability skills and planning for their future
- Students that begin their career journey with career awareness and career exploration during the younger years have more opportunities to make wiser choices about secondary and postsecondary education



Remember

- The Career Development Process is a never ending process.
- It is a process in which one must have the knowledge and skills to continually evaluate and plan for the future
- Each person must have the ability to find resources; assess current educational and technical skills, stay abreast of the global economy; and know how to prepare for change.



Thank You!

Susan Mellegard, State Guidance
Supervisor & AzCRN Director

Arizona Department of Education

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Phoenix, AZ 85007

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(602) 542-5353



All Arizona students will have access to the new CTE Delivery System Career Exploration Standards by school year 2007-2008



The National Association of Women in Construction (NAWIC)
Presents
AZ Construction Career Days 2006

What kind of Field Trips do you take?

To: All Arizona High Schools
Re: Pre-Registration for our 2006 Event
Date: February 23rd and 24th
Location: Army National Guard, Papago Site
5636 East McDowell Rd, Phoenix, AZ
Time: 8:00 – 1:00 p.m.

Arizona Construction Career Days gives your students the chance to have a day to work in the Construction Industry with real life applications. These are just a few applications we will have for your students.

*Building brick walls *Construct a carpenters toolbox *Estimating Projects
*Pipe design& build contest *Design & build projects *Pipe fitting
*Cement mixing and setting *CADD *Plumbing projects
*Operate Heavy Equipment -each student will have a professional operating engineer instructing them

This event will test your student's skills and knowledge about the construction Industry and it will be a day they will never forget.

Your students will have the chance to meet and work with the LEADERS in the Construction Industry Today! This is a great opportunity for you students to learn about the wages, benefits and great opportunities available in the Construction Industry

Come join the fun
So how much will this cost
AZ Schools?
it's "FREE"!

Send this pre-registration form today to attend AZ Construction Career Days 2006

Name of School: _____ **Contact:** _____ **Ph#:** _____

Email: _____ **How Many Students:** _____ **How Many Adults:** _____

Fax to 480-802-5137 attention: Charmaine Flint. **Registration deadline** is January 30th, 2006

Should you have any questions please contact:

Charmaine Flint... email: cflint@akchin.harrahs.com or call 602-339-2774.

Please check if you are considering purchasing a lunch so we can prepare (approx. \$3.00) ☐ Yes ☐ No

Which day would you like to attend? ☐ 23rd ☐ 24th

This is a pre-registration form the formal registration form will be sent once this form is returned via email or fax.

Introducing a New Generation to the AZ Construction Industry

Local Director Contact Information Form

First Name _____

Last Name _____

Email Address _____

Position _____

Organization _____

District _____

CTDS _____

Department _____

Mailing Address _____

City _____

State _____

Zip Code _____

Phone _____

Extension _____

Fax Number _____

County _____

Name of person you replaced _____

If Mailing Address is a PO Box Number, Fill This Section

Physical Address _____

City _____

State _____

Zip Code _____